



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 04-051)

(F-W)

In re Application of: )  
Brian T. Cunningham. ) Group Art Unit: 2874  
Serial No.: 10/812,635 )  
Filed: March 29, 2004 )  
For: Photonic Crystal Defect Cavity Biosensor ) Confirmation No. 3485

**TRANSMITTAL LETTER**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O Box 1450  
Alexandria, Virginia 22313-1450

In regard to the above identified application:

1. We are transmitting herewith the attached:
  1. Information Disclosure Statement
  2. Form PTO-1449
  3. Cited reference
  4. Return postcard

2. With respect to additional fees:

- A. ☒ No additional fee is required.
- B. ☐ Attached is a check in the amount of \$0.
- C. ☐ Charge the total additional fee to our Deposit Account No. 13-2490.

3. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.

4. **CERTIFICATE OF MAILING UNDER 37 CFR § 1.8:** The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, Virginia, 22313-1450 on this 11 day of August 2004.

By:

Thomas A. Fairhall  
Reg. No. 34,591

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
(Case No. 04-051)



## CITED REFERENCES

### Other Documents:

1. A. Scherer, T. Yoshie, M. Lončar, J. Vučković, K. Okamoto, *Photonic Crystal Nanocavities for Efficient Light Confinement and Emission*, Journal of the Korean Physical Society, Vol. 42, Supp. 2, pp. 768~773, 2003.

Respectfully submitted,

McDonnell Boehnen Hulbert & Berghoff LLP

Date: 8/11/04 By: Thomas A. Fairhall  
Thomas A. Fairhall  
Reg. No. 34,591

## CERTIFICATE OF MAILING

The undersigned hereby certifies that this Information Disclosure Statement is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450 on this 11<sup>th</sup> day of August 2004

Thomas A. Fairhall  
Thomas A. Fairhall

FORM PTO-1449  
(Rev. 2-32)

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.

Serial No.

04-051

10/812,635

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant:  
Brian Cunningham

Filing Date:  
03/29/2004

Group:  
2874



U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

			A. Scherer, T. Yoshie, M. Lončar, J. Vučković, K. Okamoto, <i>Photonic Crystal Nanocavities for Efficient Light Confinement and Emission</i> , Journal of the Korean Physical Society, Vol. 42, Supp. 2, pp. 768~773, 2003.
EXAMINER			DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.